

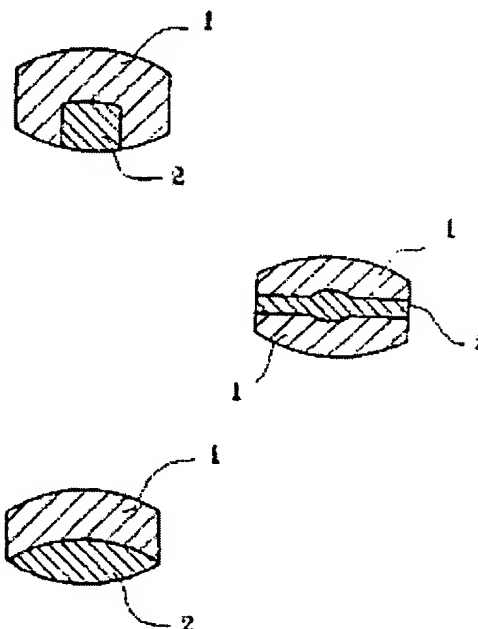
# TABLET

| Bibliographic data         | Description  | Claims | Mosaics | Original document | INPADOC<br>LEGAL status |
|----------------------------|--|--------|---------|-------------------|-------------------------|
| Patent number:             | JP62283919   |        |         |                   |                         |
| Publication date:          | 1987-12-09   |        |         |                   |                         |
| Inventor:                  | OCHIAI KIYOSHI   |        |         |                   |                         |
| Applicant:                 | ROLLER JAPAN KK  |        |         |                   |                         |
| Classification:            |  |        |         |                   |                         |
| - international:           | A61K9/46; A61K9/00; A61K9/20; A61K9/46; A61K9/00; A61K9/20; (IPC1-7): A61K9/46 |        |         |                   |                         |
| - european:                | A61K9/00M18F   |        |         |                   |                         |
| Application number:        | JP19860125784 19860602   |        |         |                   |                         |
| Priority number(s):        | JP19860125784 19860602   |        |         |                   |                         |
|                            |  |        |         |                   |                         |
| View INPADOC patent family |  |        |         |                   |                         |

## Abstract of JP62283919

**PURPOSE:** To provide a tablet composed of a main drug layer and a foaming layer exposed to the outer environment and foamable in contact with gastric juice, retained in the stomach in foamed state, capable of continuously releasing the main drug over a long period and prolonging the active period of the drug.

**CONSTITUTION:** The objective tablet is composed of a main drug layer 1 consisting of a drug which is absorbed in the digestive tracts by oral administration and an additive and a foaming layer 2 containing a foaming salt foamable in contact with gastric juice (e.g. sodium bicarbonate) as a main component in a state exposed to the outer environment. The amount of the foamable salt in the foaming layer is 4-70%, especially 20-50% and is preferably 2-35%, especially 10-25% in the whole tablet. The exposed area of the foaming layer is 5-60%, especially 10-40% of the total surface area of the tablet and the volume of the foaming layer is preferably 10-80%, especially 30-50% of the volume of the tablet. A slow-releasing agent can be produced by adding a slow-releasing substrate to the foaming layer.



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